

K-D MANUFACTURING COMPANY •

LANCASTER, P.A.

**K-D TOOLS**®

1963

Catalog Master Supplement 61-PD



K-D MANUFACTURING COMPANY, LANCASTER, PENNSYLVANIA

## Universal Hydraulic Brake Bleeder System and Fluid Dispenser Tank

### No. 255

Light weight easy to use one gallon tank, fills and bleeds brakes in a single operation on both standard and power brake systems. Carrying handle also serves as dipstick—with hook for hanging over jobs.

#### Comes Equipped with . . .

- 3 Ft. Neoprene Hose with Quick Acting Coupler
- Large Universal Adapter
- Small Universal Adapter
- G.M.C. Recessed Master Cylinder
- Ford Recessed Master Cylinder Adapter
- Chrysler Recessed Master Cylinder Adapter
- Bleeder Hose
- 2 Quick Coupler Fittings



### No. 256

Tank with large and small Universal Adapters.

### No. 257SP

(#260) G. M. C., (#259) FORD AND  
(#258) CHRYSLER Recessed Adapters.

### No. 261SP

#### MASTER CYLINDER BRAKE FLUID DISPENSER

For use on K-D tank and all tanks with similar couplers.

### No. 262

#### UNIVERSAL NEOPRENE HOSE ADAPTER

Permits easy access to hard to get at Master Cylinders.

### No. 263

#### MASTER CYLINDER CAP FOR 1962 CADILLAC & RAMBLER

Solid aluminum cap replaces one of the two vented caps on the "twin" master cylinder. Keeps brake fluid from leaking through the vent hole.

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## K-D Brake Cylinder Hone

Hones all Master, and Wheel Cylinders straight bore or blind end.

### No. 265SP

Unique design of collar on sleeve prevents stones from going through straight bore or double end cylinder. Sleeve slides over arms—protects stones when not in use. Full range (3/4" to 2 3/4").

### No. 266SP

Replacement stones (3 stones per set)—fits all popular brake cylinder hones on the market.

## Volkswagen Brake Cylinder Hone

For V. W's and all cars with Brake Cylinders from 5/8" to 1" in diameter.

### No. 267SP

New 2 legged Brake Cylinder Hone for V. W's and all foreign cars with brake cylinders up to 1" in diameter. Like K-D's popular standard size hone, a collar has been included in the design, to prevent stones from popping out double end cylinders—eliminating the main cause of stone breakage.

## Brake Spring Pliers

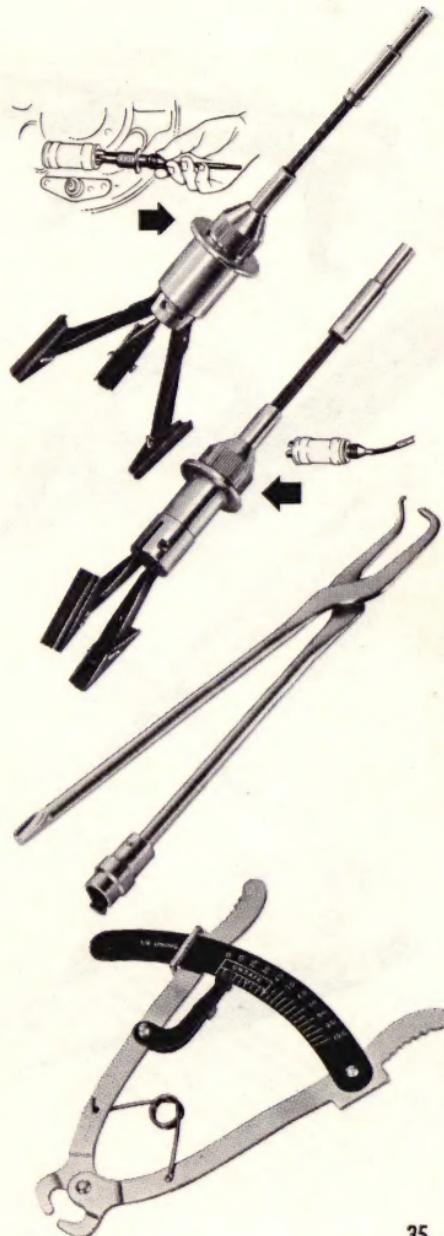
### No. 298SP

Combination brake spring pliers for removing and installing internal brake springs on most makes of cars and trucks. Includes special socket for servicing of Bendix Lockheed Brakes.

## Brake Lining Gauge

### No. 275SP

Combination sales aid and accurate measuring instrument. Shows % of lining remaining on passenger cars and light trucks. Indicates when lining is dangerously thin. One side measures  $\frac{3}{16}$ " lining—reverse side measures  $\frac{1}{4}$ " lining. Pointer is adjustable for shoes of various thicknesses.





## Brake Drum Gauge

### No. 277SP

Accurately measures Drum oversizes on passenger cars and light trucks. Primary scale measures all standard size drums 7 $\frac{1}{2}$ " through 14 $\frac{1}{4}$ " inclusive. Secondary scale provides for future passenger and light truck drum sizes. Measures point of greatest wear before turning. Determines whether drum can be turned or discarded.



## Electrical Test Kit

For checking Alternator Diodes and testing live and dead circuits, positive and negative ground

### No. 125C

K-D's Electrical Test Kit gives the mechanic a versatile set of equipment, designed to find a wide range of electrical troubles with speed and accuracy.

Includes:

- 126 "Shock proof" Hi-Low Voltage Test Light.
- 127 Self contained Power Unit.
- 128 Diode Probe.

Packaged in white plastic kit with set of instructions.



## High-Low Voltage Tester

### No. 126SP

Combination electrical trouble shooter and spark plug tester. For all 6 and 12 volt systems. Checks following: wiring shorts, wiring breaks, ground in armatures, brush holders, etc., switch adjustments, head, tail, stoplights. Dead battery cells, stuck relay points, ground circuits of all lamps.

**Continuity and grounds in field coils (using K-D No. 127 Power-Pak) • check alternator diodes, by using K-D No. 128 interchangeable Diode Probe.**

## Low Voltage Circuit Tester

For all 6 to 12 volt systems

### No. 129SP

Ground clip anywhere on car. Push point thru insulation of cable being tested until it makes contact with copper conductor inside. Bulb in handle will light if wire is "hot", will not if "dead". Checks continuity and grounds of field coils when coupled with No. 127 Power-Pak. Also checks Diodes by using K-D No. 128 Diode Probe.



## Alternator Diode Probe

### No. 128SP

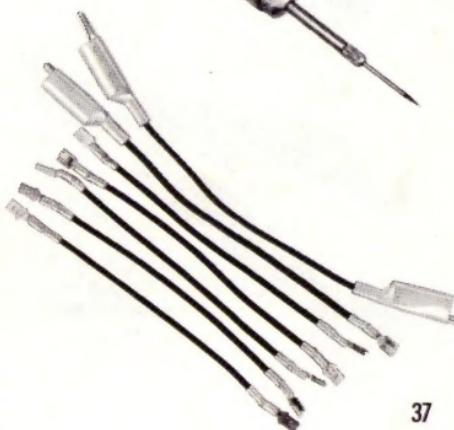
For checking automotive alternator diodes, transistors, positive and negative wires. Fits No. 126 and No. 129 Circuit Tester.



## Power-Pak

### No. 127SP

Safely tests circuits with power off. K-D's self contained power unit supplies power for electrical testing when other power is either undesirable or not available. Contains 3 popular flash light batteries.

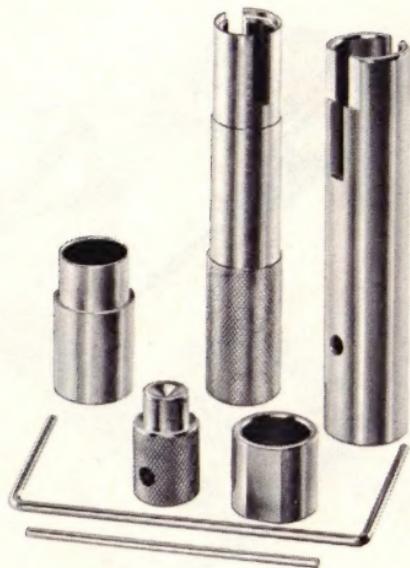


## Alternator and Regulator Test Leads

### No. 180SP

Spade, Pin and Clamp type connections for testing alternator and regulators with various test equipment.

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## Alternator Diode Service Kit

### No. 181SP

For removing and installing Diodes and Brushes on: CHRYSLER • DELCO-REMY (Delcotron) • LEECE-NEVILLE • PRESTOLITE (Autolite) alternator systems. Surveys indicate that Diodes are the most frequent cause of alternator failure, and are the easiest part of the alternator to service—with the proper equipment. NOW!—with K-D's carefully engineered set of Diode service tools, the independent garage and service station can keep this fast growing, "profitable" service work in his own shop. Each Kit includes:

- 181-A Slip Ring & Frame Support
- 181-B Universal Diode Remover
- 181-C Universal Diode Installer
- 181-D Prestolite Brush Spreader
- 181-E Heat Sink Support for Diode Removal
- 181-F Universal Heat Sink Support for Diode installation
- 181-G Delcotron Brush Hold Down Pin

Complete, Illustrated, step by step instructions are furnished with each kit.



## Heavy Duty Remote Control Starter Switch

### No. 124SP

For any engine with solenoid starter switch. Allows one man to control engine when making various adjustments and repairs. Can be taken apart, cleaned and reassembled. Lifetime guarantee against mechanical failure.

## Insulated Spark Plug Terminal Pliers

### No. 135SP

No more burned fingers with this special tool designed to remove cable terminals from Spark Plugs quickly and easily. Heavy duty handles covered with "dielectric" plastic allows shock proof—sure grip operation.

## "All Purpose" Electrical Ground Probe

### No. 121SP

Grounds out ignition for checking faulty valves, pistons, wristpins, hydraulic lifts, spark plugs, etc.



## Tail & Stoplight Bulb Kit

### No. 134C

K-D's new "Tail & Stop Light Bulb Kit, consisting of No. 138 Bulb Gripper, No. 136 Bulb Base Remover and No. 139 Socket Cleaning Brush is all that's needed to take care of installing and removing light bulbs and cleaning corroded sockets. No more cut fingers with these handy tools designed to reach into the tightest places on tail lights, stop lights, turn signals, running lights on trucks, etc. Packaged in handy plastic kit.

### No. 136SP

#### BULB BASE REMOVER PLIERS

Removes corroded bases when bulb is broken. Serrated lip on jaws gives firm hold for tight, positive grip without crushing bulb base.

### No. 138SP

#### BULB GRIPPER

Installs and removes light bulbs from tail lights, stop lights, turn signals, running lights on trucks, etc. Removes bulbs from corroded sockets. Rubber coated jaws permit soft, yet firm grip.

### No. 139

#### SOCKET CLEANING BRUSH

Removes corrosion and cleans light bulb sockets. Available in Kraft envelope.

## Repair-A-Chain

Fast easy repair of cross-link chains for all Passenger Cars and Light Trucks.

### No. 472SP

Makes tire chain repair fast and easy. Use side jaws for spreading or opening—front jaws for closing or pulling together. Special heat treated jaws assure long life.

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## Headlight Fuse Pak

### No. 137SP

Multi-purpose tool makes working on head lamps and changing fuses a "snap". Aligns screw holes on head lamp casings—pulls head lamp springs and reaches between double lamps with short screw driver adapted to fit all Reed & Prince and Philips head screws.



## Cable Coiling Pliers

Repair Control Cables in Half the Time!

### No. 495SP

Now mechanics can easily repair control cables that operate Air Vents, Hood Release, Heater, Air Conditioner, Carburetor, etc.—without replacing the entire cable assembly. Works on all makes and models of Passenger Car and Light Truck control cables using the Coiling principle.

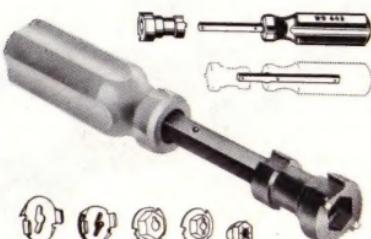
**No. 496—Heavy Duty Cable Wire** specially engineered for control cable use. Comes in 60 ft. rolls, wound on handy dispenser. Packaged in Kraft Envelopes.



## Tube Cutter and Hose Clamp Pliers

### No. 426SP

K-D combination Cutting Tool and Hose Clamp Pliers makes installation of gasoline filters a breeze. 3 steel cutting wheels cut both Gasoline and Oil line tubing  $\frac{3}{16}$ " through  $\frac{1}{2}$ " in diameter. Installs and removes small hose clamps. Slim design to reach into tight places.



## Reversible Shaft Molding Nut Tool

### No. 443SP

Removes and replaces thread cutting nuts and self-threading hex nuts as shown. Reversible head  $\frac{3}{16}$ " and  $\frac{1}{2}$ " with nibs for secure grip even if the ears are broken off clip or nut. Reversible shaft ( $3\frac{1}{16}$ " and  $4\frac{1}{16}$ ") permits access to virtually all nuts.

443-H Handle and Reversible Shaft only.

## K-D Rethreader Set

1/4"-5/16"-3/8"-7/16"-1/2" in both NF and NC

### No. 725SP

Where space is a problem K-D 10 piece rethreader set is tops for restoring threads. NF (Fine) Dies are "gun barrel" blue; NC (Coarse) are copper coated for easy identification. Dies are nut-size for use with any wrench. Packed in clear Plastic Box.



## Wheel Stud Rethreader Set

### No. 726SP

4-piece Die Set for Restoring 1/2" and 5/16" left hand and right hand threads. Packaged in clear Plastic Box.

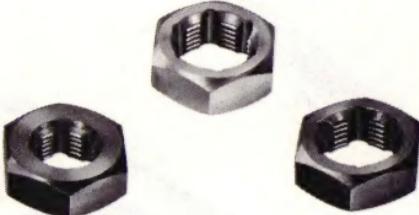


## Armature Rethreader Set

### No. 727SP

1/2 x 20, .665 x 20 right hand. \*.665 x 20 left hand. For restoring damaged armature shaft threads. Packaged in clear Plastic Box.

\*Needed for Corvair Generator Armature Shafts.



## Spark Plug Opening Chaser

### No. 730SP

Combination 14MM and 18MM "Chaser" services practically all makes and model cars. Cleans threads of carbon corrosion and metal. 13/16" hex has neoprene band to hold "Chaser" firmly in deep wall Spark plug wrench. Made of case hardened steel with bright cadmium finish.





## Precision Screw Extractors

### No. 720C

For Removal of Broken Studs, Set Screws, Pipe and Alemite Fittings. The K-D No. 720 Screw Extractor Set, packaged in a Royal Blue plastic kit, is printed with complete information on bolt size, drill size, minimum depth of hole and pipe size.

No.	U.S.S. Screw, Stud or Bolt Size	Drill Size	Min. Depth of Hole	Pipe Size
A	1/4, 5/16	1/8	3/8	---
B	3/8	3/16	1/2	---
*C	7/16	15/64	1/2	1/8
D	1/2, 9/16	5/16	1/2	1/4
E	5/8	3/8	5/8	3/8

\*For broken Alemite fittings



## Crankcase Drain Plug Wrench

Eliminates damage to drain plugs

### No. 413SP

Fits all 1961 to '63 Oldsmobile crankcase drain plugs and all 1962-63 Valiant differential drain plugs.

- Made of special heat treated steel
- Designed and precision made to fit 8 point drain plug sockets.

## "Universal" Internal Drain Plug Wrench Kit

### No. 414C

Four double end and one single end socket type wrenches for removing internal Drain Plugs on Crankcase, Transmission and Differential. Works on 90% of all model cars requiring internal type wrenches.

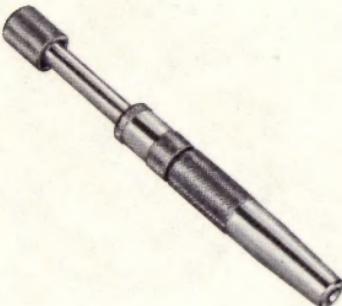
- 2 square type wrenches,  $\frac{1}{4}$ "- $\frac{5}{16}$ " and  $\frac{3}{8}$ "- $\frac{1}{2}$ "
- 2 Hexagon wrenches  $\frac{1}{4}$ "- $\frac{5}{16}$ " and  $\frac{3}{8}$ "- $\frac{1}{2}$ "
- 1 Single end "special" 8 Point wrench

Made of Hi-strength, heat treated steel, for years of dependable service.

## Ramo-Matic

### No. 416SP

The new K-D Ramo-Matic instantly frees frozen straight or angle type zerk fittings. Will blow out all hardened matter unless bushing is completely turned, to block opening. Damaged fittings are many times reseated, automatically. Handy pocket size measures 5" x  $\frac{1}{2}$ " and is precision made of the finest steel with bright cadmium finish.



## Radiator Hose "Pinch-off" Pliers

### No. 145SP

Eliminate necessity of draining cooling system when installing Thermostats and Water Pumps on all pressurized cooling systems. Saves time and antifreeze. Also works on heater hose. Jaws Swivel for parallel clamping and positive shutoff. Automatic ratchet locking, and heat treated arms.



## "Shark Tooth" Radiator Hose Pliers

### No. 421SP

Radiator & Heater Hose Removal & Installation. Thermostat Installation. Water Pump Installation. Radiator Repairs. Engine Overhauls.

Removing stubborn hoses from Radiators, Heaters, Water Pumps, etc. is no longer a problem with K-D's new, unique "shark tooth" pliers. Grips hose with "never let go" strength—a few twists and hose is completely free from gasket glue, frozen fittings etc. "Slip joint" (3 jaw positions) permits application on virtually all sizes of hoses, on cars, trucks and buses. Equally effective when installing hoses—especially in difficult to reach areas. An absolute must for Service Stations, Garages, Fleets and Radiator Repair Shops.





## Radiator "temp" Gauge

### No. 409SP

This colorful K-D temperature gauge is invaluable as a sales aid in selling thermostat installation. Checks general condition of cooling system. Indicates condition of thermostat without removing. Indicates rust condition, failing water pump. Indicates operation of dash thermometer. Dial face is calibrated in increments of 5° F and is guaranteed within 1° at 190° F. Complete instructions on gauge.

## Gasket Scraper



### No. 485SP

K-D's new long neck gasket scraper is built for many years of rugged service. Scrapes mating surfaces clean, before installing new gaskets on: WATER PUMPS • THERMOSTAT HOUSINGS • CYLINDER HEADS • CRANKCASE • TIMING CHAIN COVER, etc.

Made of high grade forged steel with "easy grip" plastic handle.

## "Long-Life" Piston Ring Compressor

Compressor Pliers with 1 most popular size band (3 $\frac{3}{8}$ " to 3 $\frac{5}{8}$ ")

### No. 851SP

The new K-D Piston Ring Compressor is the most efficient, versatile and dependable tool of its kind on the market. Designed to operate both vertically and horizontally. Fine tooth ratcheting lock permits bands to be contracted in extremely small increments.

**No. 850 Piston Ring Compressor Set**—Complete—includes pliers and 6 bands covering a range of 2 $\frac{1}{8}$ " to 4 $\frac{1}{8}$ ". Packaged in strong reinforced carton.

**No. 850H—Piston Ring Compressor Pliers** (No bands included)

**No. 850BS—Special Band**—for slant type motors



Standard Piston Ring Bands Available\*

No.	Size	No.	Size
850B1	2 $\frac{1}{8}$ " to 3 $\frac{1}{4}$ "	850B4	3 $\frac{1}{8}$ " to 3 $\frac{1}{4}$ "
850B2	3 $\frac{1}{4}$ " to 3 $\frac{3}{8}$ "	850B5	3 $\frac{1}{8}$ " to 4 $\frac{1}{8}$ "
850B3	3 $\frac{3}{8}$ " to 3 $\frac{5}{8}$ "	850B6	4 $\frac{1}{8}$ " to 4 $\frac{1}{4}$ "

\*Special sizes available upon request

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